

Akhteruzzaman 39 - 36 - 23 - 10

## Emergency Location of Wireless Call Originators

### A B S T R A C T

5 The method and apparatus for tracing the progress of a  
mobile station which has initiated an emergency call. Using the  
facilities of the Global Positioning System (GPS), the mobile station  
repeatedly reports its location to the Emergency Bureau, which  
thereby is able to track the movement of the mobile station. In one  
10 preferred embodiment, location measurements are taken more  
frequently if the mobile station is moving. Advantageously, this  
arrangement allows the progress of the mobile station originating  
the emergency call to be followed, thus helping the Police or  
Ambulance Services provided through the Emergency Bureau to  
locate the mobile station more accurately.